

PUBLIC NOTICE

PERMIT APPLICATION: NRS 06.415

APPLICANT: Tim George
4398 Andersonville Hwy.
Andersonville, TN 37705
865-494-7716

LOCATION: The proposed aquatic alteration is located along Buffalo Creek in Andersonville, Tennessee off of Park Road. (36.2076°N, 84.0331°W) Anderson County

WATERSHED DESCRIPTION: The aquatic resource proposed to be altered is Buffalo Creek. Buffalo Creek is within the Lower Clinch watershed (HUC 06010207). The creek at this location is approximately 12 to 20-feet wide and 4 to 5-feet deep. Areas of the creek have eroding banks. Buffalo Creek has been assessed as not supporting one or more of its classified uses. Those classified uses include fish and aquatic life, recreation, livestock watering and wildlife, and irrigation.

PROJECT DESCRIPTION: The applicant proposes to stabilize a total of 1,000-feet of Buffalo Creek stream bank. The 1,000-feet consist of 600-feet on the north bank and 400-feet on the south bank (see figure 2). The stabilization would be rock riprap treatment for half of the bank and the other half would be seeded with native grasses and planted with native trees (see figure 3). The banks would first be excavated back to a 2:1 slope. A geotextile fabric would be applied on the banks down to 2.25-feet above the streambed. The toe of the slope would be constructed using 2-foot diameter boulders. Rock riprap would then be applied from toe of slope to approximately half way up the slope. The area above the slope would have native grasses and trees planted. The grasses consist of Cave in Rock Switchgrass, Redtop, Virginia Wild Rye, and annual rye. The trees consist of Alder, Silky Dogwood, and Sycamore seedlings. A 25-foot wide riparian area on both sides of the creek would be planted with Green Ash, Red Maple, Shumard Oak, and Black Walnut seedlings. A fence would be temporarily installed around the riparian area.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

USGS TOPOGRAPHIC QUADRANGLE: Norris, TN (137 – NE)

PERMIT COORDINATOR: Trent Thomas

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being

raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

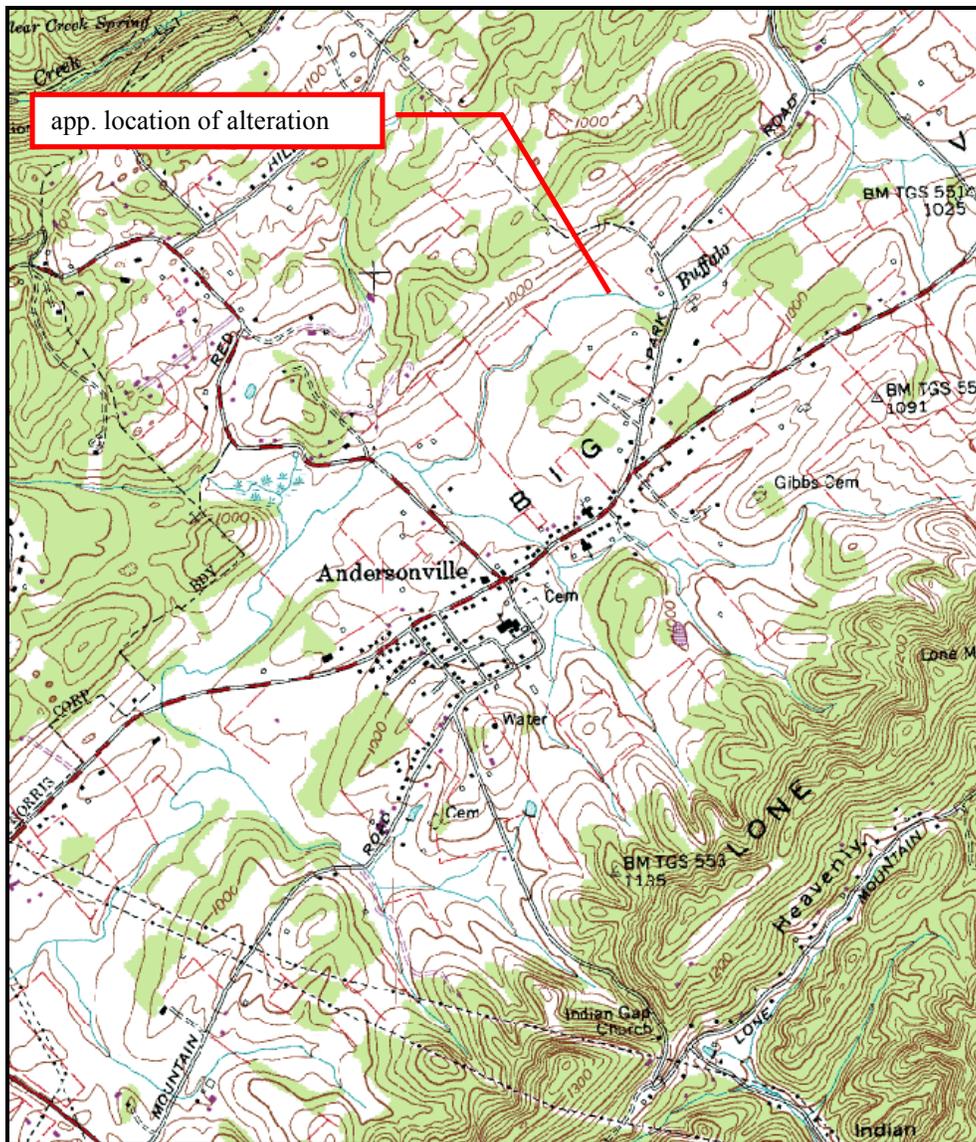


Figure 1: Topographic map indicating location of alteration

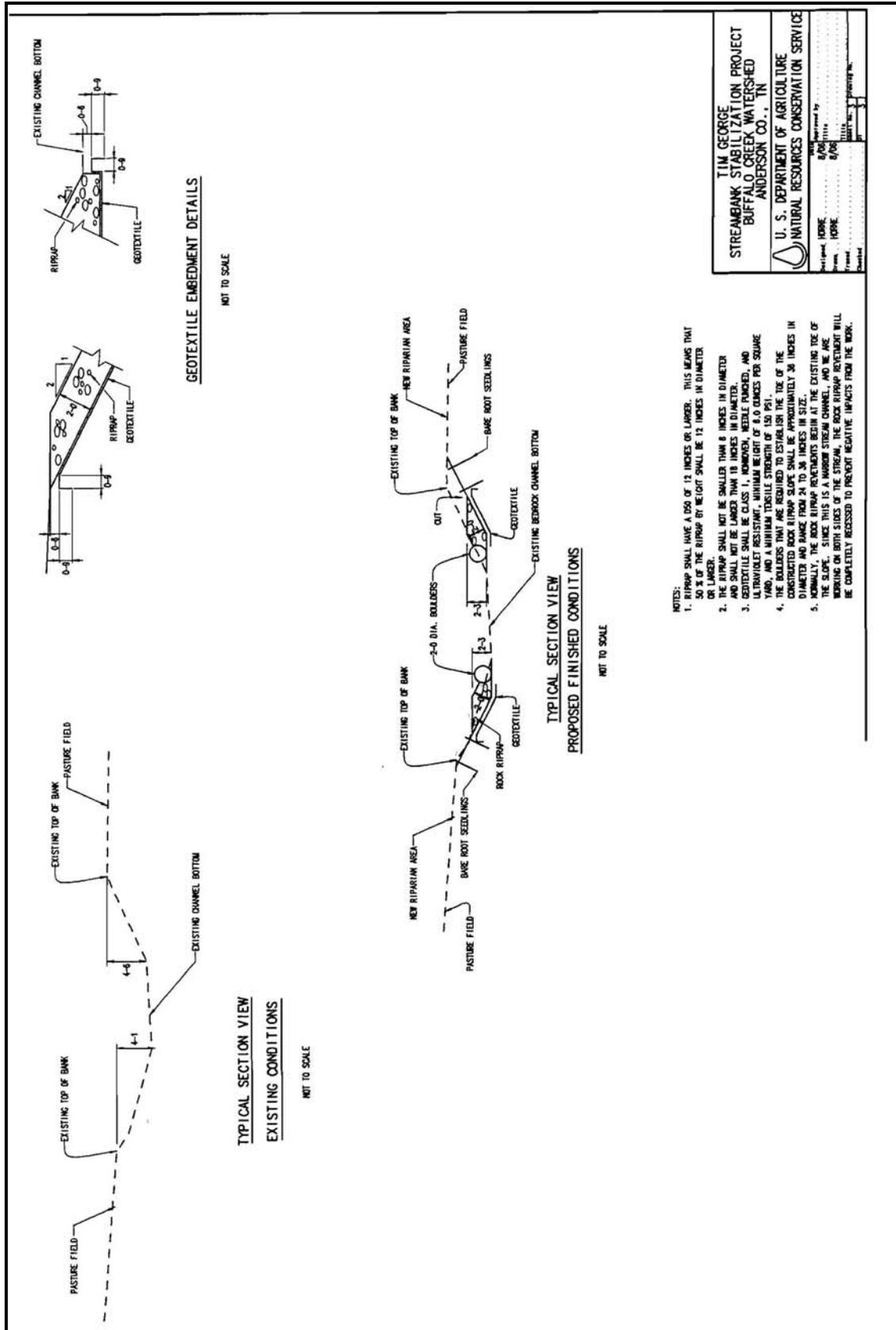


Figure 3: Cross sections of proposed alteration



Figure 4: Section of Buffalo Creek proposed to be stabilized